

## INTERNATIONAL SEARCH REPORT

International Application No.

PC 03/03275

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H02M3/158

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 949 739 A (MATSUSHITA ELECTRIC INDUSTRIAL) 13 October 1999 (1999-10-13) the whole document	1-13
A	US 4 816 739 A (TADASHI MASAHIRO ET AL.) 28 March 1989 (1989-03-28) abstract figure 2 column 2, line 3 - line 10	1

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*8\* document member of the same patent family

Date of the actual completion of the international search

1 August 2003

Date of mailing of the international search report

08/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lund, M

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			EP 0949739 A2	13-10-1999
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			JP 1756179 C	23-04-1993
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